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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SECURITIES BLDG.
HELENA, MONTANA

VOL. VII, No. 1 — McKEE PRINT. — January, 1959

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1959, averaged 79,540 barrels daily, an increase of 1,068 barrels from the average December production of 78,472.

The nine refineries in the State processed 71,762 barrels of crude oil daily for the month of January, 1959, an increase of 5,975 barrels daily from the 65,787 barrels processed daily during the month of December, 1958.

During January, 15 wells were completed, 7 oil, 0 gas wells and 8 dry holes.

During January, the Commission issued 14 permits to drill new wells, a decrease of 19 from the 33 permits issued during December.

SUMMARY OF CRUDE OIL PRODUCTION, REFINING STORAGE, ETC., IN MONTANA

MONTH OF JANUARY, 1959

IN STORAGE JANUARY 1st:	
By Producers	342,798
By Transporters	707,901
By Refiners	518,033
TOTAL STORAGE	1,568,732
Produced in Montana During Month	2,465,740
Imported During Month	1,751,578
TOTALS	5,786,050
DISPOSITION:	
Refined in Montana	2,224,651
Exported	1,893,270
Used for Fuel or Lost	7,738
TOTAL	4,125,659
IN STORAGE JANUARY 31st:	
By Producers	364,243
By Transporters	658,155
By Refiners	637,993
TOTAL STORAGE	1,660,391

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1959

Field	M Cu. Ft.
Bears Den	0
Big Coulee	104,651
Bowdoin	675,248
Bowes	157,978
Box Elder	0
Cabin Creek	69,288
Cedar Creek	890,513
Clarks Fork	95,182
Cut Bank (Including Reagan)	1,625,625
Devon	0
Dry Creek	213,027
Elk Basin	96,069
Flat Coulee	38,022
Golden Dome	8,015
Hardin	3,103
Keith Block	228,791
Kevin Sunburst	151,522
Pine	75,630
Plevna	17,787
Utopia	111,264
Whitlash	117,722
Miscellaneous	37,500
TOTAL	4,716,937

Total Withdrawals for January, 1958 were 4,126,054 M Cu. Ft.

PRODUCER'S REPORT
MONTH OF JANUARY, 1959

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	733	2,880	.....	2,573	.....	1,040
4	Bannatyne	5	2,247	1,322	.....	788	.....	2,781
....	Belfry	....	45	.....	.....	.....	.....	45
11	Big Wall	25	4,310	15,864	.....	16,205	.....	3,969
10	Blackfoot	13	1,977	8,053	.....	7,773	18	2,239
20	Bowes	81	6,497	30,802	32,284	.....	.....	5,015
1	Bredette	1	1,620	701	836	.....	.....	1,485
5	North Bredette	5	2,868	8,920	6,710	.....	.....	5,078
3	Brorson	3	2,886	1,462	1,077	.....	66	3,205
2	Bynum	2	255	.....	.....	.....	.....	255
2	Cabin Creek	88	6,277	397,680	385,853	.....	.....	18,104
30	Cat Creek	94	4,634	11,672	8,457	3,255	.....	4,594
1	Clark's Fork	1	306	38	.....	.....	.....	344
3	Clark's Fork North	4	1,960	39,223	.....	39,391	.....	1,792
2	Cupton	2	1,579	1,230	1,343	.....	1	1,465
352	Cut Bank	1,150	121,066	171,132	170,099	.....	152	121,947
3	Deer Creek	6	1,979	16,701	15,967	.....	.....	2,713
5	Delphia	5	1,618	5,559	.....	4,372	.....	2,805
4	Devil's Basin	5	779	447	.....	157	.....	1,069
5	Dry Creek	6	964	5,837	5,658	.....	.....	1,143
20	Elk Basin	57	8,100	330,635	330,242	.....	.....	8,493
2	Fertile Prairie	3	1,008	573	353	.....	.....	1,228
2	Frannie	2	1,295	2,671	2,639	.....	.....	1,327
2	Gage	2	913	3,183	.....	2,811	258	1,027
4	Gas City	12	4,002	20,314	19,808	.....	.....	4,508
6	Glendive	12	3,979	46,480	45,508	.....	.....	4,951
3	Gypsy Basin	3	1,625	813	.....	1,406	.....	1,032
1	Hawk Creek	1	446	428	.....	305	.....	569
6	Ivanhoe	13	4,583	21,292	.....	20,413	.....	5,462
198	Kevin-Sunburst	1,446	17,258	64,026	64,474	.....	.....	16,810
2	Line Coulee	2	1,088	2,559	1,972	.....	.....	1,675
1	Little Beaver	5	2,485	10,383	9,212	.....	.....	3,656
4	East Little Beaver	5	1,914	8,419	7,972	.....	.....	2,361
5	Melstone	8	3,467	6,011	.....	6,604	.....	2,874
1	Monarch	1	614	3,975	3,599	.....	.....	990
2	Mosser	6	550	883	.....	1,258	.....	175
11	Outlook Area	14	10,206	64,975	66,661	.....	.....	8,520
10	Pennel	21	6,036	45,338	44,569	.....	.....	6,805
6	Pine	135	18,384	414,779	416,600	.....	.....	16,563
73	Pondera	344	8,259	45,068	46,046	.....	.....	7,281
11	East Poplar	104	20,328	344,977	343,742	.....	.....	21,563
3	Northwest Poplar	4	625	2,352	1,580	.....	.....	1,397
4	Ragged Point	7	1,124	11,961	.....	10,873	.....	2,212
1	Rattlesnake Butte	1	116	.....	.....	.....	.....	116
1	Un-named-Sheridan County	1	1,596	(641)	.....	.....	.....	955
4	Reagan	44	3,040	12,649	12,941	.....	.....	2,748
6	Red Creek	7	2,239	12,083	.....	10,734	.....	3,588
1	Repeat	1	592	2,071	1,718	.....	.....	945
5	Richey	9	4,845	11,872	12,093	.....	.....	4,624
2	Snyder	4	1,397	1,639	.....	1,703	.....	1,333
4	Soap Creek	17	3,152	6,868	.....	6,902	.....	3,118
1	Southwest Richey	2	1,080	3,435	3,134	.....	.....	1,381
2	Stensvad	2	2,864	8,640	.....	9,535	.....	1,969
23	Sumatra	73	14,593	154,844	151,842	1,672	.....	15,923
4	Sweetgrass Hills	4	774	306	.....	592	.....	488
9	Whitlash	31	13,402	3,421	3,685	1,434	.....	11,704
5	Wills Creek	9	2,842	23,057	21,272	.....	.....	4,627
9	Wolf Springs	20	6,092	51,300	51,587	.....	99	5,706
2	Woodrow	2	523	2,578	1,412	.....	.....	1,689
....	Yellowstone	....	762	.....	.....	.....	.....	762
920		3,934	342,798	2,465,740	2,292,945	150,756	594	364,243

Total Oil Produced and Shipped From Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1958	27,956,649	76,593	27,878,576	76,379
January, 1959	2,465,740	79,540	2,443,701	78,829

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1958	342,798	707,901	518,033	1,568,732
January, 1959	364,243	658,155	637,993	1,660,391

*Includes Wyoming Oil

TRANSPORTERS REPORT

MONTH OF JANUARY, 1959

	Storage First Of Month	OIL RECEIVED BY			Loss or Gain	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,573				2,573		
BANNATYNE—Truck			788			788			
BIG WALL—Truck			16,205				16,205		
BLACKFOOT—Union Oil Co.			7,773			7,773			
BOWES—									
Trigood Oil Co.	5,561	5,434					7,411		3,584
The Texas Co.		26,850				26,850			
	5,561	32,284				26,850	7,411		3,584
BRORSON—Sun Oil Company		1,077					1,077		
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	335,621	888,356		495,737	(21)		1,423,008		296,727
Shell Pipe Line Corp.	1,871	81,730			118			81,891	1,592
	337,492	970,086		495,737	97		1,423,008	81,891	298,319
CAT CREEK—									
Continental Pipe Line Co.	7,103	8,457			551	9,289			5,720
Wm. Hanlon			3,255			3,255			
	7,103	8,457	3,255		551	12,544			5,720
CLARK'S FORK—Truck			39,391				39,391		
CUT BANK—									
Big West Oil Co.		1,427		24,932		26,359			
Darling Gathering System, Inc.	1,631	5,770						5,706	1,695
Phillips Petroleum Co.	37,308	44,406		23,282	302	40,082		23,282	41,330
Texas Pipe Line Co.	40,348	32,621		24,443	775	972		43,582	52,083
Toronto Pipe Line Co.	25,499	44,456			60			42,994	26,901
Union Oil Co.	178,365	42,259		36,986	877	102,464			154,269
	283,151	170,939		109,643	2,014	169,877		115,564	276,278
DEVILS BASIN—Truck			157				157		
DELPHIA—Truck			4,372			4,372			
DRY CREEK—Ohio Oil Co.	9,951	5,658			91	7,601			7,917
ELK BASIN—Ohio Oil Co.		330,242				9,256	320,986		
FRANNIE—Ohio Oil Co.		2,639					2,639		
GAGE—Truck			2,811				2,811		
GLENDIVE, DEER CREEK & WOODROW—									
The Texas Pipe Line Co.	11,220	62,240			1,214		36,239	32,333	3,674
GYPSY BASIN—Truck			1,406			1,406			
HAWK CREEK—Truck			305				305		
IVANHOE—Truck			20,413			3,734	16,679		
KEVIN-SUNBURST—									
Big West Oil Co.	3,210	40,782				41,828			2,164
Homestake Oil & Gas Co.	367	2,554		5,707		7,997			631
The Texas Pipe Line Co.	4,082	31,565			406	31,159			4,082
	7,659	74,901		5,707	406	80,984			6,877
MELSTONE—Truck			6,604			6,604			
MOSSER—Truck			1,258				1,258		
PONDERA—Phillips Petr. Co.	26,309	48,667			1,957	56,644			16,375
POPLAR, BREDETTE, OUTLOOK & LINE COULEE—									
East Poplar Gathering System	18,581	382,027			643			381,512†	18,453
RAGGED POINT—Truck			10,873			10,873			
REAGAN—Union Oil Co.		12,941				12,941			
RED CREEK—									
Truck			10,734			1,113	9,621		
SNYDER—Truck			1,703				1,703		
SOAP CREEK—Truck			6,902			6,902			
STENSVAD—Truck			9,535				9,535		
SUMATRA—									
Powder River Pipe Line, Inc.		151,842			759	131,931			19,152
Truck			1,672				1,672		
		151,842	1,672		759	131,931	1,672		19,152
SWEETGRASS HILLS—Truck			592			592			
WHITLASH—									
Homestake Oil & Gas Co.				3,475	(1)	3,476			
Western Natural Gas Co.	874	3,685						3,262	1,297
Truck			1,434			1,434			
	874	3,685	1,434	3,475	(1)	4,910		3,262	1,297
WOLF SPRINGS—									
Powder River Pipe Line Co.		51,304			100	50,695			509
TOTALS	707,901	2,308,989	150,756	614,562	7,831	608,390	1,893,270	614,562	658,155

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, East Little Beaver, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

†Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA

MONTH OF JANUARY, 1959

Field	Big West Oil Co.	Carter Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Phillips Petr. Co.	Texas Calgary Co.	Union Oil Co.	Total by Fields
Blackfoot									7,122	7,122
Bowes				26,916						26,916
Cat Creek			9,616			3,795				13,411
Clark's Fork					322					322
Cut Bank	26,574						39,558		104,976	171,108
Delphia						5,700				5,700
Dry Creek					5,570					5,570
Elk Basin		166,743	72,991							239,734
Ivanhoe						3,148				3,148
Kevin-Sunburst	48,883									48,883
Melstone					9,729					9,729
Pondera							56,623			56,623
Reagan									12,940	12,940
Soap Creek								4,296		4,296
Sumatra		135,837			42,118					177,955
Sweetgrass Hills	593									593
Whitlash									1,261	1,261
Wolf Springs		47,902								47,902
Total Montana Oil	76,050	350,482	82,607	26,916	57,739	12,643	96,181	4,296	126,299	833,213
Canadian Oil Imported										
Wyoming Oil Imported		633,651	252,612		505,175					1,391,438
TOTAL Montana, Candian and Wyoming Oil	76,050	984,133	335,219	26,916	562,914	12,643	96,181	4,296	126,299	2,224,651

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1958	25,108	32	38,599	63,739
January, 1958	27,491	179	37,613	65,283
January, 1959	26,877	....	44,885	71,762

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
39.39%	.05%	60.56%
42.11%	.28%	57.61%
37.45%	....	62.55%